Personal Systems Reference Lenovo® Essential Notebooks

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Lenovo® N200 15W (0769) - October 2007

	Type-model	Processor	GHz	Memory	Widescreen display	Camera	Graphics controller	SATA disk	EIDE optical	Mini PCIe 802.11 wireless	Bluetooth	Fingerprint reader	Chipset	Preload	Avail date
✂	0769-ALU	Celeron 530	1.73	512MB	15.4" WXGA		GMA	80GB[8]	Combo	Lenovo 11b/g[11]			GM	Home Basic	Oct 07
✂	0769-AMU	Celeron 530	1.73	512MB	15.4" WXGA		GMA	80GB	Combo	Lenovo 11b/g			GM	XP Pro	Oct 07
✂	0769-ANU	Pentium T2310	1.46	1GB	15.4" WXGA		GMA	120G	DVD±RW	Lenovo 11b/g		Finger	GM	XP Pro	Oct 07
✂	0769-APU	Pentium T2310	1.46	1GB	15.4" WXGA	Cam	GMA	160G	DVD±RW	Lenovo 11b/g	Blue	Finger	GM	XP Pro	Oct 07
	0769-ASU	Celeron 540	1.86	512MB	15.4" WXGA		GMA	80GB	Combo	Lenovo 11b/g			GM	Home Basic	Dec 07
	0769-ATU	Celeron 540	1.86	512MB	15.4" WXGA		GMA	80GB	Combo	Lenovo 11b/g			GM	XP Pro	Dec 07
✂	0769-AUU	Pentium T2330	1.60	1GB	15.4" WXGA		GMA	120G	DVD±RW	Lenovo 11b/g		Finger	GM	XP Pro	Dec 07
	0769-AVU	Pentium T2330	1.60	1GB	15.4" WXGA	Cam	GMA	120G	DVD±RW	Lenovo 11b/g	Blue	Finger	GM	Home Prem	Dec 07
	0769-F8U	Celeron 550	2.00	1GB	15.4" WXGA		GMA	80GB	Combo	Intel 11a/b/g[11]			GM	Home Basic	Apr 08
	0769-F9U	Pentium T2390	1.86	1GB	15.4" WXGA	Cam	GMA	120G	DVD±RW	Intel 11a/b/g	Blue	Finger	GM	Home Prem	Apr 08
	0769-FAU	Pentium T2390	1.86	1GB	15.4" WXGA		GMA	120G	DVD±RW	Intel 11a/b/g		Finger	GM	Business 32	Apr 08
	0769-FBU	Celeron 550	2.00	1GB	15.4" WXGA		GMA	80GB	Combo	Lenovo 11b/g			GM	Business 32	May 08
☞	0769-FCU	Pentium T2390	1.86	1GB	15.4" WXGA		GMA	160G	DVD±RW	Intel 11n[28]		Finger	GM	XP Pro	Jun 08

These Lenovo N200 models use a 15.4" widescreen display

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Celeron® Processor 530**, **540**, or **550** with single-core, Execute Disable Bit, Intel 64 Technology, 533MHz system bus, and 1MB L2 cache or **Intel Pentium® Processor T2310**, **T2330**, or **T2390** with **dual-core**, Intel 64 Technology, Execute Disable Bit, EIST, 533MHz system bus, and 1MB shared L2 cache
Memory	**512MB** or **1GB** std / 4GB max[7]/ **PC2-5300 667MHz DDR2**, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; *Non-italics:* standard memory in one socket; one socket available
Diskette drive	None
EIDE Combo	*Some:* DVD-ROM/CD-RW / 24X/24X/24X/8X[21] speed, fixed, not removable, 12.7mm
EIDE DVD±RW	*Some:* DVD burner, dual-layer support, fixed, not removable, 12.7mm high
SATA disk	**80GB**[8] (5400 rpm), **120GB** (5400 rpm), or **160GB** (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable and upgradable
Widescreen display	**15.4"** (391.1mm) **WXGA (1280x800) TFT color**, **VibrantView** (glossy), CCFL backlight, 185 nits, 16:10 aspect ratio, 400:1 contrast ratio
Camera	*Some:* camera on top of screen, 1.3-megapixel, fixed focus, internal USB 2.0
Graphics	**Intel Graphics Media Accelerator X3100**, in GM965
Keyboard	Full-size keyboard, 6-row, 84-key, multimedia Fn keys, Lenovo Care℠ button
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*6-cell (WxDxH):* 14.2"x 10.5"x 1.2" to 1.5"; 360.1mm x 266.7mm x 31.4 to 38.6mm; *9-cell (WxDxH):* 14.2"x 11.3"x 1.2" to 1.5"; 360.1mm x 286.6mm x 31.4 to 38.6mm
Weight[2]	with optical drive and battery: *6-cell:* 6.02 lb to 6.34 lb (2.73 to 2.88 kg)
Case color	Silver top; silver bottom
Case material	ABS plastic
Battery - type	Lithium Ion **6-cell**, smart battery
Battery - life[10]	*6-cell:* up to 3.5 hr; *optional 9-cell:* up to 4.9 hr
Chipset	**Mobile Intel GM965 Express Chipset** (Graphics Memory Controller Hub); ICH8M I/O Controller Hub (SATA 3.0Gb/s, ATA-100 EIDE, USB 2.0, PCI Express® 1.1, PCI 2.3), LPC bus (ENE KB925 Super I/O)
ExpressCard/54	One slot (ExpressCard/34, ExpressCard/54)
Multicard Reader	5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital, xD-Picture Card™)
Ports	Four USB 2.0, external monitor (VGA DB-15), modem (RJ-11), ethernet (RJ-45), S-video out port (TV out; one 7-pin industry standard connector), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)
Mini PCI Express	One Mini PCI Express slot, not customer upgradable
Lenovo 11b/g[11]	*Some:* 11b/g wireless[4], Lenovo 11b/g Mini PCI Express Adapter, Broadcom® chipset
Intel 11a/b/g[11]	*Some:* 11a/b/g wireless[4], Mini PCI Express adapter, Intel PRO/Wireless 3945ABG
Intel 11n[28]	*Some:* 11a/b/g/n wireless[4], Mini PCIe adapter, Intel Wireless WiFi Link 4965AGN, MIMO 2x3 (Kedron)
Bluetooth™	*Some:* Bluetooth 2.0 wireless, USB 2.0 interface via ICH8M, LED indicator
Modem	56K V.92[6] modem, not customer accessible
Ethernet	10/100 ethernet, Broadcom® BCM5906M, PCI 2.3
Audio support	Intel High Definition (HD) Audio, RealTek® ALC861VD codec / stereo speakers, 1.5 watt / volume, up, down, mute button / stereo microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security keyhole
Fingerprint reader	*Some:* **Fingerprint reader on palm rest**, swipe sensor, no preboot support
Limited warranty[12]	**1-year** - EasyServ™,[19] depot repair service / service upgrades[22] available

Preloaded operating system[20]
- *Some:* Genuine Windows® XP Professional (preinstalled via downgrade rights in Windows Vista® Bussiness
- *Some:* Genuine Windows Vista Home Basic 32
- *Some:* Genuine Windows Vista Home Premium 32
- *Some:* Genuine Windows Vista Business 32

✧ *Vista models:* Vista Basic logo

Preloaded applications[14] (all OSes)
- Lenovo Care℠ Tools
  - – Rescue and Recovery™
  - – System Update
  - – Password Manager
  - – Access Connections™
- Norton Internet Security™ (90 days of virus definitions)
- Softex OmniPass (on fingerprint models)
- PC-Doctor™ (diagnostics)
- Adobe® Reader
- Picasa from Google
- Diskeeper® Lite (XP models)
- Diskeeper Home (Vista models)
- Corel® Small Business Center™ with WordPerfect® Office 12
- QuickBooks Financial Center
- Network Magic™ (Vista only)
- Windows Live™ Toolbar
- QuickBooks Financial Center (Vista only)
- Microsoft® Office 2007 Trial (60-day)
- EarthLink (Vista Home Basic models only)

65-watt AC adapter (GMA X3100 graphics models)
Wireless on/off switch
RoHS-compliant
International Warranty Service[17]
24 hour x 7 day[18] toll-free support during the warranty period[12] via 800-426-7378

1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999	Lenovo C200/N200 15W Battery 6-cell	40Y8322
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000	Lenovo N200 15W Li-Ion Battery 9-cell	41U5027
USB 2.0 Essential Memory Key 32GB	45K1258	ThinkPad® and Lenovo 65W AC Adapter	40Y7696
USB 2.0 Ultra Secure Memory Key 8GB	45J5918	90W Ultraslim AC/DC Combo Adapter	41R4493
USB 2.0 Super Multi-Burner Drive	41N5565	Lenovo Carrying Case - Messenger Max	41U5253
Lenovo Laser Mouse (USB)	41U3074	Lenovo Case - Performance Backpack	41U5254
ExpressCard Gemplus Smart Card Readr	41N3043	Others at http://**lenovo.com**/accessories	
Other accessories on O-N200 sheet			

Lenovo Care℠ 1-year LOR 9x5 NBD *41K0547*
Lenovo Care 2-year LOR 9x5 NBD *41K0548*
Lenovo Care 2-year P&L PU Depot *41K0545*
Lenovo Care 3-year LOR 9x5 NBD *41K0549*
Lenovo Care 3-year P&L PU Depot *41K0546*

See footnotes for important warranty information

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☞ US model announced June 24, 2008; previous models on Oct 2, Dec 4, 2007, Apr 8, or May 6, 2008

✂ US models withdrawn effective December 2007

Lenovo® N200 Accessories

Partial list of accessories supported on:
- **Lenovo N200 14W originally announced on May 22, 2007**
- **Lenovo N200 15W originally announced on May 9, 2007**

Memory

1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999	*ann 03/25/08*
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000	*ann 03/25/08*

Storage and removable storage

USB 2.0 Essential Memory Key 4GB	45J7904	*ann 06/24/08*
USB 2.0 Essential Memory Key 8GB	45J7905	*ann 07/15/08*
USB 2.0 Essential Memory Key 32GB	45K1258	*ann 10/28/08*
USB 2.0 Ultra Secure Memory Key 1GB	45J5915	*ann 08/26/08*
USB 2.0 Ultra Secure Memory Key 2GB	45J5916	*ann 08/26/08*
USB 2.0 Ultra Secure Memory Key 4GB	45J5917	*ann 08/26/08*
USB 2.0 Ultra Secure Memory Key 8GB	45J5918	*ann 08/26/08*
USB 2.0 Super Multi-Burner Drive	41N5565	*ann 01/23/07*
USB 2.0 Portable 500GB Hard Disk	45K1690	*ann 05/26/09*

Keyboard

USB Numeric Keypad	33L3225	*ann 05/01/00*
Preferred Pro USB Keyboard	73P5220	*ann 06/21/05*
Enhanced Performance USB Keyboard	73P2620	*ann 03/23/04*
Ultraslim Wireless Keyboard and Mouse[52]	57Y4700	*ann 09/15/09*

[52] Wireless via 2.4GHz technology using a micro-size USB receiver.

Mouse

Lenovo Optical Mouse (USB)	06P4069	*ann 05/21/03*
Lenovo ScrollPoint® Mouse (USB, Optical)	31P7405	*ann 08/27/02*
ThinkPad Travel Mouse (USB, Optical)	31P7410	*ann 06/04/02*
Lenovo Laser Mouse (USB)	41U3074	*ann 01/23/07*
Lenovo Wireless Laser Mouse - Black[52]	45K1696	*ann 11/25/08*
Lenovo Wireless Laser Mouse - Red/Black[52]	51J0198	*ann 11/25/08*
ThinkPad® Bluetooth Laser Mouse	41U5008	*ann 01/22/08*

Security

Kensington® MicroSaver® Cable Lock	73P2582	*ann 12/29/03*
Kensington Twin Head Cable Lock	45K1620	*ann 09/30/08*
USB Gemplus GemPC Smart Card Reader	41N3040	*ann 02/21/06*
ExpressCard/54 slot:		
ExpressCard Gemplus Smart Card Reader	41N3043	*ann 06/27/06*

Multimedia

USB 2.0 Lenovo Webcam	40Y8519	*ann 08/29/06*

Power Accessories

N200 14W (0687) only:		
Lenovo N200 14W Li-Ion Battery 6-cell	41U5025	*ann 05/22/07*
Lenovo N200 14W Li-Ion Battery 9-cell	41U5026	*ann 05/22/07*
N200 15W (0769) only:		
Lenovo C200/N200 15W Li-Ion Battery 6-cell	40Y8322	*ann 10/17/06*
Lenovo N200 15W Li-Ion Battery 9-cell	41U5027	*ann 05/09/07*
All models:		
ThinkPad and Lenovo 65W AC Adapter[45]	40Y7696	*ann 09/20/05*

[45] Only compatible with the 945GM and GM965 chipset models.

ThinkPad and Lenovo 90W AC Adapter	40Y7659	*ann 09/20/05*
90W Ultraslim AC/DC Combo Adapter	41R4493	*ann 09/22/09*
Belkin Surge Protector	31P7659	
Belkin 1 outlet Notebook Surge	31P7658	

Carrying Cases

Lenovo Carrying Case - Messenger Max	41U5253	*ann 05/01/07*
Lenovo Carry Case - Performance Backpack	41U5254	*ann 05/01/07*
Lenovo Standard Case	45K1697	*ann 11/25/08*
Lenovo Standard Backpack	45K1698	*ann 11/25/08*

Monitors

ThinkVision® L1711p 17" Monitor	5047HB2	*ann 10/20/09*
ThinkVision L1900p 19" Monitor	4431HE1	*ann 11/11/08*
ThinkVision L1951p Wide 19" Monitor	2448HB6	*ann 10/20/09*
ThinkVision L2250p Wide 22" Monitor	2572HB6	*ann 10/20/09*
ThinkVision L2251p Wide 22" Monitor	2572HD6	*ann 10/20/09*
ThinkVision L2251x Wide 22" Monitor	2578HB6	*ann 10/20/09*
ThinkVision L2440p Wide 24" Monitor	4420HB2	*ann 09/17/08*

Monitor Accessories[46]

ThinkVision USB Soundbar	40Y7616	*ann 08/23/05*
ThinkVision Soundbar	45K1263	*ann 09/16/08*
Kensington MicroSaver Cable Lock	73P2582	*ann 12/29/03*
Kensington Twin Head Cable Lock	45K1620	*ann 09/30/08*
Lenovo Easy Reach Monitor Stand	55Y9258	*ann 09/22/09*
Radial Arm	19K4464	*ann 05/05/00*

[46] Compatible on selected Lenovo and ThinkVision monitors.

More information at **www.lenovo.com/support/monitoraccessories**
Other accessories at **www.lenovo.com/accessories**
Accessories Guide pdf at **www.lenovo.com/accessoriesguide**

Lenovo Care℠ maintenance services

Warranty service upgrade:[22]

1-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0547
2-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0548
2-year Parts and Labor (P&L) Pickup Depot	41K0545
3-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0549
3-year Parts and Labor (P&L) Pickup Depot	41K0546

Post-warranty maintenance services:[5]

1-year maintenance Parts and Labor Pickup Depot SBD	41K0550
1-year maintenance 9x5 Next Business Day response	41K0551
2-year maintenance Parts and Labor Pickup Depot SBD	41K0552
2-year maintenance 9x5 Next Business Day response	41K0553

[SBD=Second Business Day average response]

Lenovo Care maintenance services at **www.lenovo.com/warranty**

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Lenovo® V200 12W (0764)

	Type-model	Processor	GHz	Memory	Widescreen display	Screen type	Camera	Integrated graphics	SATA disk	EIDE optical	Mini PCIe 802.11 wireless	Bluetooth	Fingerprint reader	Battery cells	Preload	Avail date
✂	0764-2BU	Core 2 Duo T7100	1.80	*1GB*	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	✶Intel 11a/b/g[11]	Blue	Fing	3	Home Prem	May 07
✂	0764-2CU	Core 2 Duo T7300	2.00	*1GB*	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	✶Intel 11a/b/g	Blue	Fing	6	Business 32	May 07
✂	0764-2DU	Core 2 Duo T7300	2.00	*2GB*	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	✶Intel 11n[28]	Blue	Fing	6	Ultimate 32	May 07
✂	0764-2NU	Core 2 Duo T5250	1.50	*2GB*	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	✶Intel 11n	Blue	Fing	6	Ultimate 32	July 07
✂	0764-2PU	Core 2 Duo T5250	1.50	1GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	✶Intel 11a/b/g	Blue	Fing	6	XP Pro	Oct 07
	0764-2WU	Core 2 Duo T5550	1.83	1GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	✶Intel 11a/b/g	Blue	Fing	3	XP Pro	Jan 08
	0764-2XU	Core 2 Duo T5550	1.83	*2GB*	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	✶Intel 11n	Blue	Fing	6	Business 32	Jan 08
☞	0764-2YU	Core 2 Duo T5750	2.00	1GB	12.1" WXGA	Glossy	Cam	GMA	160GB	DVD±RW	✶Intel 11a/b/g	Blue	Fing	3	Business 32	Mar 08

- ***These models use a 12.1" widescreen display***
- ***Two-spindle (disk and optical) in an ultraportable***
- ***Multimedia ready: press button to load InterVideo InstantON music and movie player without loading OS***

Positioning	*Widescreen ultraportable; two spindles*
Processor	**Intel® Core™ 2 Duo processor T5250**, **T5550**, or **T5750** with **dual-core**, Intel 64 Technology, Enhanced Intel SpeedStep® technology[1], Execute Disable Bit, 667MHz system bus, and 2MB shared L2 cache or **Intel Core 2 Duo processor T7100** or **T7300** with **dual-core**, Intel 64 Technology, Enhanced Intel SpeedStep technology[1], Intel Dynamic Acceleration, Execute Disable Bit, Virtualization Technlogy, and 800MHz system bus; *T7100:* 2MB L2 cache (shared); *T7300:* 4MB L2 cache (shared)
Memory	**1GB** or **2GB** std / 4GB max[7] / **PC2-5300 667MHz DDR2,** non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available; *Non-italics:* standard memory in one socket; one socket available
Diskette drive	None
EIDE DVD±RW	DVD burner, DL support, fixed, not removable, 12.7mm high
SATA disk	**160GB**[8] (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable and upgradable
Widescreen display	**12.1"** (307.3mm) **WXGA (1280x800) TFT color**, **VibrantView** (glossy), CCFL backlight, 180 nits, 16:9 aspect ratio, 400:1 contrast ratio, no latch open-close mechanism
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, internal USB 2.0
Graphics	**Intel Graphics Media Accelerator X3100**, in GM965
Keyboard	Full-size keyboard, 6-row, 84-key, multimedia Fn keys; *Buttons across top:* on-off, Lenovo Care℠, instant on, mute, volume down, volume up
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
InstantON	Press button to load InterVideo InstantON music and movie player without loading OS
Dimensions[3]	*3-cell (WxDxH):* 12.01"x 8.94"x 1.25"; 305.1mm x 227.0mm x 31.7mm *6-cell (WxDxH):* 12.01"x 9.68"x 1.25"; 305.1mm x 246.0mm x 31.7mm
Weight[2]	with optical drive and battery: 4.0 lb (1.81kg) to 4.4 lb (1.99kg)
Case color	Silver top; black bottom
Case material	ABS plastic
Battery - type	Lithium Ion 3-cell or 6-cell, 2600 mAH, smart battery
Battery - life[10]	*3-cell:* up to 2.1 hr; *6 cell:* up to 4.2 hr
Chipset	**Mobile Intel GM965 Express Chipset** (Graphics Memory Controller Hub); ICH8M I/O Controller Hub (SATA 3.0Gb/s, ATA-100 EIDE, USB 2.0, PCI Express® 1.1, PCI 2.3), LPC bus (ENE KB925 Super I/O)
ExpressCard/54	One slot (ExpressCard/34, ExpressCard/54)
Multicard reader	5-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital, xD-Picture Card™)
Ports	Three USB 2.0, external monitor (VGA DB-15), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)
Mini PCI Express	One Mini PCI Express slot, not customer upgradable
Intel 11a/b/g[11]	*Some:* 11a/b/g wireless[4], Mini PCI Express adapter, Intel PRO/Wireless 3945ABG
Intel 11n[28]	*Some:* 11a/b/g/n wireless[4], Mini PCI Express adapter, Intel Wireless WiFi Link 4965AGN, MIMO 2x3 (Kedron)
Bluetooth™	Bluetooth 2.0 wireless, USB 2.0 interface via ICH8M, LED indicator
Modem	56K V.92[6] modem
Ethernet	10/100 ethernet, Broadcom® BCM5906M, PCI Express x1
Audio support	Intel High Definition (HD) Audio, Conexant® CX20549 codec / stereo speakers, 1 watt / volume, up, down, mute button / stereo microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security keyhole
Fingerprint reader	**Fingerprint reader on palm rest,** swipe sensor, no preboot support
Limited warranty[12]	**1-year** - EasyServ™,[19] depot repair service / service upgrades[22] available

Preloaded operating system[20]
- *Some:* Genuine Windows® XP Professional (preinstalled via downgrade rights in Windows Vista® Bussiness
- *Some:* Genuine Windows Vista Home Premium 32
- *Some:* Genuine Windows Vista Business 32
- *Some:* Genuine Windows Vista Ultimate 32

✧*2YU model:* Vista Basic logo
✧*Other Vista models:* Vista Premium logo

Preloaded applications[14] (all OSes)
- Lenovo Care℠ Tools
  - – Rescue and Recovery™
  - – System Update
  - – Password Manager
  - – Access Connections™
- Lenovo Multimedia Center (Vista)
- Norton Internet Security™ (90 days of virus definitions)
- Softex OmniPass (on fingerprint models)
- PC-Doctor™ (diagnostics)
- Network Magic™
- Windows Live™ Toolbar
- Adobe® Reader
- Picasa from Google
- Diskeeper® Home
- Corel® Small Business Center™ with WordPerfect® Office 12
- QuickBooks Financial Center
- Microsoft® Office 2007 Trial
- EarthLink (Vista Home Basic and Home Premium models only)
- InterVideo InstantON
- Roxio Digital Media LE (DVD±RW for XP only)
- Corel WinDVD® (DVD±RW for XP only)
- Corel WinDVD Creator (DVD±RW for XP only)

Universal 65-watt AC adapter
Wireless on/off switch
RoHS-compliant
ENERGY STAR® 4.0-compliant
International Warranty Service[17]
24 hour x 7 day[18] toll-free support during the warranty period[12] via 800-426-7378

1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000
USB 2.0 Essential Memory Key 8GB	45J7905
USB 2.0 Super Multi-Burner Drive	41N5565
160GB Disk 9.5mm SATA 1.5Gb/s (5400 rpm)	41N5692
Lenovo Laser Mouse (USB)	41U3074
Kensington® MicroSaver® Cable Lock	73P2582
V100 Series Li-Ion Battery 3-cell	40Y8319
V100 Series Li-Ion Battery 6-cell	40Y8321
ThinkPad and Lenovo 65W AC Adapter	40Y7696
ThinkPad and Lenovo 90W AC Adapter	40Y7659
90W Ultraslim AC/DC Combo Adapter	41R4493
Lenovo Carrying Case - Messenger Max	41U5253
Lenovo Case - Performance Backpack	41U5254

Others at http://**lenovo.com**/accessories

Lenovo Care℠ 1-year LOR 9x5 NBD	*41K0547*
Lenovo Care 2-year LOR 9x5 NBD	*41K0548*
Lenovo Care 2-year P&L PU Depot	*41K0545*
Lenovo Care 3-year LOR 9x5 NBD	*41K0549*
Lenovo Care 3-year P&L PU Depot	*41K0546*

See footnotes for important warranty information ✶ Intel Centrino® processor technology
☞ US model announced March 18, 2008; previous models on May 22, July 17, October 2, 2007, or January 8, 2008
✂ US models withdrawn effective December 2007 or May 2008

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Lenovo® V200 Accessories

Partial list of accessories supported on:
• Lenovo V200 announced on May 22, 2007

Memory

1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999	*ann 03/25/08*
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000	*ann 03/25/08*

Storage and removable storage

USB 2.0 Essential Memory Key 4GB	45J7904	*ann 06/24/08*
USB 2.0 Essential Memory Key 8GB	45J7905	*ann 07/15/08*
USB 2.0 Essential Memory Key 32GB	45K1258	*ann 10/28/08*
USB 2.0 Ultra Secure Memory Key 1GB	45J5915	*ann 08/26/08*
USB 2.0 Ultra Secure Memory Key 2GB	45J5916	*ann 08/26/08*
USB 2.0 Ultra Secure Memory Key 4GB	45J5917	*ann 08/26/08*
USB 2.0 Ultra Secure Memory Key 8GB	45J5918	*ann 08/26/08*
USB 2.0 Portable Secure 160GB Hard Disk	43R2018	*ann 11/18/08*
USB 2.0 Portable Secure 320GB Hard Disk	43R2019	*ann 11/18/08*
USB 2.0 Portable 500GB Hard Disk	45K1690	*ann 05/26/09*
USB 2.0 Super Multi-Burner Drive	41N5565	*ann 01/23/07*
160GB Disk 9.5mm SATA 1.5Gb/s (5400 rpm)	41N5692	*ann 03/20/07*

Keyboard

USB Numeric Keypad	33L3225	*ann 05/01/00*
Preferred Pro USB Keyboard	73P5220	*ann 06/21/05*
Enhanced Performance USB Keyboard	73P2620	*ann 03/23/04*
Ultraslim Wireless Keyboard and Mouse[52]	57Y4700	*ann 09/15/09*

[52] Wireless via 2.4GHz technology using a micro-size USB receiver.

Mouse

Lenovo Optical Mouse (USB)	06P4069	*ann 05/21/03*
Lenovo ScrollPoint® Mouse (USB, Optical)	31P7405	*ann 08/27/02*
ThinkPad Travel Mouse (USB, Optical)	31P7410	*ann 06/04/02*
Lenovo Laser Mouse (USB)	41U3074	*ann 01/23/07*
Lenovo Wireless Laser Mouse - Black[52]	45K1696	*ann 11/25/08*
Lenovo Wireless Laser Mouse - Red/Black[52]	51J0198	*ann 11/25/08*
ThinkPad® Bluetooth Laser Mouse	41U5008	*ann 01/22/08*

Security

Kensington® MicroSaver® Cable Lock	73P2582	*ann 12/29/03*
Kensington Twin Head Cable Lock	45K1620	*ann 09/30/08*
USB Gemplus GemPC Smart Card Reader	41N3040	*ann 02/21/06*
ExpressCard/54 slot:		
ExpressCard Gemplus Smart Card Reader	41N3043	*ann 06/27/06*

Multimedia

USB 2.0 Lenovo Webcam	40Y8519	*ann 08/29/06*

Power Accessories

Lenovo V100 Series Li-Ion Battery 3-cell	40Y8319	*ann 05/16/06*
Lenovo V100 Series Li-Ion Battery 6-cell	40Y8321	*ann 05/16/06*
ThinkPad and Lenovo 65W AC Adapter	40Y7696	*ann 09/20/05*
ThinkPad and Lenovo 90W AC Adapter	40Y7659	*ann 09/20/05*
90W Ultraslim AC/DC Combo Adapter	41R4493	*ann 09/22/09*
Belkin Surge Protector	31P7659	
Belkin 1 outlet Notebook Surge	31P7658	

Carrying Cases

Lenovo Carrying Case - Messenger Max	41U5253	*ann 05/01/07*
Lenovo Carry Case - Performance Backpack	41U5254	*ann 05/01/07*
Lenovo Standard Case	45K1697	*ann 11/25/08*
Lenovo Standard Backpack	45K1698	*ann 11/25/08*

Monitors

ThinkVision® L1711p 17" Monitor	5047HB2	*ann 10/20/09*
ThinkVision L1900p 19" Monitor	4431HE1	*ann 11/11/08*
ThinkVision L1951p Wide 19" Monitor	2448HB6	*ann 10/20/09*
ThinkVision L2250p Wide 22" Monitor	2572HB6	*ann 10/20/09*
ThinkVision L2251p Wide 22" Monitor	2572HD6	*ann 10/20/09*
ThinkVision L2251x Wide 22" Monitor	2578HB6	*ann 10/20/09*
ThinkVision L2440p Wide 24" Monitor	4420HB2	*ann 09/17/08*

Monitor Accessories[46]

ThinkVision USB Soundbar	40Y7616	*ann 08/23/05*
ThinkVision Soundbar	45K1263	*ann 09/16/08*
Kensington MicroSaver Cable Lock	73P2582	*ann 12/29/03*
Kensington Twin Head Cable Lock	45K1620	*ann 09/30/08*
Lenovo Easy Reach Monitor Stand	55Y9258	*ann 09/22/09*
Radial Arm	19K4464	*ann 05/05/00*

[46] Compatible on selected Lenovo and ThinkVision monitors.

More information at **www.lenovo.com/support/monitoraccessories**

Medialess License Key (MLK)

Microsoft® Office 2007 Basic, English	43R1528	*ann 01/31/07*
Microsoft Office 2007 Small Business, Engl	43R1534	*ann 01/31/07*
Microsoft Office 2007 Professional, English	43R1531	*ann 01/31/07*

Other accessories at **www.lenovo.com/accessories**

Accessories Guide pdf at **www.lenovo.com/accessoriesguide**

Lenovo Care℠ maintenance services

Warranty service upgrade:[22]

1-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0547
2-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0548
2-year Parts and Labor (P&L) Pickup Depot	41K0545
3-year Lenovo Onsite Repair (LOR) 9x5 Next Business Day	41K0549
3-year Parts and Labor (P&L) Pickup Depot	41K0546

Post-warranty maintenance services:[5]

1-year maintenance Parts and Labor Pickup Depot SBD	41K0550
1-year maintenance 9x5 Next Business Day response	41K0551
2-year maintenance Parts and Labor Pickup Depot SBD	41K0552
2-year maintenance 9x5 Next Business Day response	41K0553

[SBD=Second Business Day average response]

Lenovo Care maintenance services at **www.lenovo.com/warranty**

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Part number	Processor	GHz	Memory	Widescreen display	Camera	Integrated graphics	SATA disk	EIDE optical	Mini PCIe 802.11 wireless	Bluetooth	Fingerprint reader	Chipset	Vista preload	Avail date
59-011896	Pentium T2310	1.46	*1GB*	14.1" WXGA	Cam	GMA	160G[8]	DVD±RW	Intel 11a/b/g[11]	None	None	GM	Home Prem	Oct 07
59-011843	Core 2 Duo T5250	1.50	*2GB*	14.1" WXGA	Cam	GMA	160G	DVD±RW	✶Intel 11a/b/g	None	None	GM	Home Prem	Oct 07
59-011897	Core 2 Duo T5450	1.66	*2GB*	14.1" WXGA	Cam	GMA	160G	DVD±RW	✶Intel 11a/b/g	None	None	GM	Home Prem	Oct 07

- ***14.1" widescreen display***
- ***Dolby Home Theater premium audio system with subwoofer***
- ***Audio DJ plays CDs without booting the system***
- ***Shuttle Center offers a one-stop, total entertainment environment with Shuttle Key that puts volume and equalizer controls on the keyboard***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Pentium® Processor T2310** with **dual-core**, Enhanced Intel SpeedStep® technology[1], Execute Disable Bit, 533MHz system bus, and 1MB shared L2 cache or **Intel Core™ 2 Duo processor T5250** or **T5450** with **dual-core**, Intel 64 Technology, Enhanced Intel SpeedStep technology[1], Execute Disable Bit, 667MHz system bus, and 2MB shared L2 cache
Memory	**1GB** or **2GB** std / 4GB max[7]/ **PC2-5300 667MHz DDR2**, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
EIDE DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high
SATA disk	**160GB**[8] (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable and upgradable
Widescreen display	**14.1"** (358.1mm) **WXGA (1280x800) TFT color**, **VibrantView** (glossy), CCFL backlight, 185 nits, 16:10 aspect ratio, 400:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, internal USB 2.0
Graphics	**Intel Graphics Media Accelerator X3100**, in GM965
Keyboard	Full-size keyboard, 6-row, 84-key, multimedia Fn keys,
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 13.4" x 10.0" x 1.1" to 1.5"; 340mm x 253mm x 27 to 37mm
Weight[2]	with optical drive and battery: *6-cell:* 5.2 lb (2.4 kg)
Case color	Silver top; silver bottom
Case material	ABS plastic
Battery - type	Lithium Ion **6-cell**, smart battery
Battery - life[10]	Up to 3.5 hr
Chipset	**Mobile Intel GM965 Express Chipset** (Graphics Memory Controller Hub); ICH8M I/O Controller Hub (SATA 3.0Gb/s, ATA-100 EIDE, USB 2.0, PCI Express® 1.1, PCI 2.3), LPC bus (ENE KB925 Super I/O)
ExpressCard/54	One slot (ExpressCard/34, ExpressCard/54)
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick®, Memory Stick PRO™, Secure Digital Card, Secure Digital Elite Pro Card, xD-Picture Card™)
Ports	Three USB 2.0, external monitor (VGA DB-15), S-video out port (TV-out), modem (RJ-11), ethernet (RJ-45), IEEE 1394 FireWire 400 (4-pin connector; 1394a-2000 standard)
InstantON	Press button to support instant on CD play without loading OS
Video out	S-video out port (TV-out), one 7-pin industry standard connector
Mini PCI Express	One Mini PCI Express slot, not customer upgradable
Intel 11a/b/g	11a/b/g wireless[4], Mini PCI Express adapter, Intel PRO/Wireless 3945ABG
Bluetooth™	None
Modem	56K V.92[6] modem, not customer accessible
Ethernet	10/100 ethernet, Broadcom® BCM5906M, PCI 2.3
Audio support	Intel High Definition (HD) Audio, RealTek® ALC262 codec / two stereo speakers, 2 watt, and subwoofer, 2 watt, Dolby Home Theater Technology / Audio DJ button, mute button / stereo microphone, microphone input jack (3.5 mm), stereo headphone jack (3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None
Limited warranty[12]	**1-year** - Depot Service[19], onsite[13] pickup and delivery via 1-877-453-6686

Preloaded operating system[20]
- Genuine Windows® Vista® Home Premium 32
- ✧ Vista Premium logo

Preloaded applications[14]
- OneKey Recovery
- Norton Internet Security™ (90 days of virus definitions)
- Power 2Go (DVD±RW)
- Adobe® Reader
- Windows Live™ Toolbar
- Picasa from Google
- Shuttle Center (DVD±RW)
- EasyCapture
- Microsoft® Office 2007 Trial (60-day)
- VeriFace
- Earth Link
- Lenovo AnyComm

1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999	Lenovo Y Series 90W AC Adapter	41R4322
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000	Lenovo 90W AC Adapter	45J7717
USB 2.0 Essential Memory Key 4GB	45J7904	Lenovo Carrying Case - Messenger	41N5677
USB 2.0 Essential Memory Key 8GB	45J7905	Lenovo Carrying Case - Messenger Max	41U5253
USB 2.0 Essential Memory Key 32GB	45K1258	Lenovo Case - Performance Backpack	41U5254
USB 2.0 Lenovo Multimedia Headset	41N5678	Kensington® MicroSaver® Cable Lock	73P2582
Enh Perf Wireless Keyboard and Mouse	41N5672	Others at http://**lenovo.com**/accessories	
Lenovo Y410 Battery 6-Cell	43R1955		

65-watt AC adapter (GMA X3100 graphics models)
Wireless on/off switch
RoHS-compliant
ENERGY STAR® 4.0-compliant

See footnotes for important warranty information
US models announced October 9, 2007

✶ Intel Centrino® processor technology

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Lenovo G530

Lenovo G530

Lenovo G530

Lenovo G530

Lenovo® G530 (4151) - GMA

	Type-model	Processor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Blue-tooth	Battery cells	Vista preload	Avail date
	4151-X2U	T3400	2.16	*2GB*	15.4" WXGA	Cam	GMA	160GB[8]	DVD±RW	Lenovo 11b/g[11]	Black	None	6-cell	Basic	Mar 09
✂	4151-38U	T3400	2.16	*3GB*	15.4" WXGA	Cam	GMA	160GB	DVD±RW	Lenovo 11b/g	Black	None	4-cell	Prem 32	Jan 09
	4151-3BU	T3400	2.16	*3GB*	15.4" WXGA	Cam	GMA	250GB	DVD±RW	Lenovo 11b/g	Black	None	4-cell	Prem 32	Mar 09
	4151-X3U	T3400	2.16	*3GB*	15.4" WXGA	Cam	GMA	250GB	DVD±RW	Lenovo 11b/g	Black	None	6-cell	Prem 32	Mar 09
☞	4151-93U	T4200	2.00	*3GB*	15.4" WXGA	Cam	GMA	250GB	DVD±RW	Lenovo 11b/g	Black	None	6-cell	Prem 32	Oct 09

- ***15.4" widescreen, glossy display***
- ***Bold black color with piano finish***
- ***Integrated 0.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face.***
- ***Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Pentium® Processor T3400** or **T4200** with **dual-core**, *T3400:* 667MHz system bus, *T4200:* 800MHz system bus; and 1MB L2 cache
Memory	**2GB** or **3GB** std / 4GB max[31] / **PC2-5300 667MHz DDR2**, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**160GB** (5400 rpm) or **250GB** (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable
Widescreen display	**15.4"** (391.2mm) **WXGA (1280x800) TFT color**, **VibrantView** (glossy), CCFL backlight, 200 nits, 16:10 aspect ratio, 400:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus
Integrated graphics	**Intel Graphics Media Accelerator 4500M (GMA 4500M)**, in GL40, *Max external resolution:* 2048x1536@75Hz (DB-15 port)
Keyboard	Full-size keyboard, 6-row, 84-key, multimedia Fn keys, recovery key
Multimedia controls	Touch-sensitive volume control panel with one user defined button
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 14.1" x 10.1" x 1.22" to 1.46"; 358.5mm x 256.5mm x 31 to 37mm
Weight[2]	with optical drive and battery: *6-cell:* 5.95 lb (2.7 kg)
Case color	Black top, black bottom
Case material	ABS plastic; *Palm rest:* ABS plastic
Battery - type	Lithium Ion **4-cell** or **6-cell**
Battery - life[10]	*4-cell:* Up to 2.5 hr; *6-cell:* up to 4.5 hr
Chipset	**Mobile Intel GL40 Express Chipset** (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)
ExpressCard/54	One slot (ExpressCard/34, ExpressCard/54)
Multicard reader	None
Ports	Four USB 2.0, external monitor (VGA DB-15), modem (RJ-11), ethernet (RJ-45)
TV tuner	None
Mini PCI Express Lenovo 11b/g[11]	One Mini PCI Express slot 11b/g wireless[4], Lenovo 11b/g Mini PCI Express Adapter, Broadcom® BCM4312
Bluetooth™	None
Modem	56K[6] V.92[15] modem
Ethernet	10/100 ethernet, Broadcom® BCM5906M
Audio support	High Definition (HD) Audio, CX20561-15Z codec / two main speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole,
Fingerprint reader	None

Preloaded operating system[20]
- *Some:* Genuine Windows® Vista® Home Basic 32
- *Some:* Genuine Windows Vista Home Premium 32

✧ 4151-*X2U:* Vista Basic logo
✧ *Others:* Vista Premium logo

Preloaded applications[14] (only some listed)
- Lenovo™ OneKey Recovery
- Lenovo ReadyComm
- Norton Internet Security™ (90 days of virus definitions)
- Adobe® Reader
- Windows Live™ Toolbar
- Easy Capture
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)

65-watt AC adapter
Wireless on/off switch
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year accidental damage protection via depot** 43R8885
  - **3-year Lenovo Onsite Repair**[13] **9x5 Next Business Day** 43R8883
  - **3-year Lenovo Onsite Repair**[13] **9x5 Next Business Day with accidental damage protection** 43R8884
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
☞ US model announced September 30, 2009; previous model on January 27 or March 17, 2009
✂ US model withdrawn effective March 2009

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Lenovo® G530 (4446) - GMA

Type-model	Proc-essor	GHz	Memory	Widescreen display	Camera (mega-pixel)	Integrated graphics	Chipset	Disk SATA GB[8] rpm	SATA optical	Mini PCIe 802.11 wireless	Blue-tooth	Battery cells	Preload	Avail date
4446-34U	Cel 900	2.20	2GB	15.4" WXGA	0.3	GMA 4500M	GL40	160G 5400	DVD±RW	RealTek b/g	None	6	Home B	Sep 09
✂ 4446-23U	T3400	2.16	2GB	15.4" WXGA	0.3	GMA 4500M	GL40	160G 5400	DVD±RW	RealTek b/g[11]	None	6	Home B	Mar 09
✂ 4446-24U	T3400	2.16	*3GB*	15.4" WXGA	0.3	GMA 4500M	GL40	250G 5400	DVD±RW	RealTek b/g	None	6	Prem 32	Mar 09
✂ 4446-35U	T4200	2.00	2GB	15.4" WXGA	0.3	GMA 4500M	GL40	160G 5400	DVD±RW	RealTek b/g	None	6	Home B	Sep 09
✂ 4446-3JU	T4200	2.00	2GB	15.4" WXGA	0.3	GMA 4500M	GL40	160G 5400	DVD±RW	RealTek b/g	None	6	Prem 32	Sep 09
✂ 4446-3GU	T4200	2.00	2GB	15.4" WXGA	0.3	GMA 4500M	GL40	250G 5400	DVD±RW	RealTek b/g	None	6	XP Pro	Sep 09
✂ 4446-36U	T4200	2.00	*3GB*	15.4" WXGA	0.3	GMA 4500M	GL40	250G 5400	DVD±RW	RealTek b/g	None	6	Prem 32	Sep 09
✂ 4446-25U	T6400	2.00	*3GB*	15.4" WXGA	1.3	GMA 4500MHD	GM45	250G 5400	DVD±RW	✶ Intel 5100[28]	None	6	XP Pro	Mar 09
✂ 4446-38U	T6500	2.10	*3GB*	15.4" WXGA	1.3	GMA 4500MHD	GM45	250G 5400	DVD±RW	✶ Intel 5100	None	6	XP Pro	Sep 09

- ***15.4" widescreen, glossy display***
- ***Matte black finish***

Processor	**Intel® Celeron® Processor 900** with single-core, 800MHz system bus, and 1MB L2 cache or **Intel Pentium® Processor T3400** or **T4200** with **dual-core**, 1MB L2 cache, *T3400:* 667MHz system bus; *T4200:* 800MHz system bus or **Intel Core™ 2 Duo processor T6400** or **T6500** with **dual-core**, 800MHz system bus, and 2MB L2 cache
Memory	**2GB** or **3GB** std / 4GB max[7] / PC2-5300 667MHz DDR2, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available; *Non-italics:* standard memory in one socket; one socket available
SATA DVD±RW SATA disk	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in **160GB**[8] (5400 rpm) or **250GB** (5400 rpm) / SATA 1.5Gb/s, 9.5mm high, removable, upgradable
Widescreen display Camera	**15.4"** (391.2mm) **WXGA (1280x800) color**, **VibrantView** (glossy), CCFL backlight, 200 nits, 16:10 aspect ratio, 400:1 contrast ratio *Some:* camera on top of screen, 0.3-megapixel, fixed focus *Some:* camera on top of screen, 1.3-megapixel, fixed focus
Integrated graphics	*Some:* **Intel Graphics Media Accelerator 4500M (GMA 4500M)**, in GL40 *Some:* **Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD)**, in GM45, *All: Max external resolution:* 2048x1536@75Hz (DB-15 port)
Keyboard Touch controls Touch pad	Full-size keyboard, 6-row, Lenovo Care button, multimedia Fn keys, Windows/Appl keys Touch-sensitive volume control panel with one user defined button Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3] Weight[2] Case color Case material Battery - type Battery - life[10]	*6-cell 15.4W" (WxDxH):* 14.1" x 10.1" x 1.22–1.46"; 358.5 x 256.5mm x 31–37mm *6-cell:* starting at 5.95 lb (2.7kg) Matte black finish ABS plastic Lithium Ion **6-cell** *6-cell:* up to 4.5 hr
Chipset ExpressCard/54 Multicard reader PC Card Smart Card read Ports	**Mobile Intel GL40/GM45 Express Chipset** (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC) One slot (ExpressCard/34, ExpressCard/54) 4-in-1 reader (Memory Stick, Memory Stick PRO™, Secure Digital, xD-Picture Card™) None None Four USB 2.0, external monitor (VGA DB-15), modem (RJ-11), ethernet (RJ-45)
Mini PCI Express RealTek b/g[11] Intel 5100[28] WWAN upg UWB Modem Bluetooth™ Ethernet Intel AMT Audio support Security Security chip Fingerprint reader	One Mini PCI Express slot *Some:* 11b/g wireless[4], Mini PCI Express Adapter, RealTek chipset *Some:* 11a/b/g/n wireless[4], Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak) None None 56K V.92[6] modem None 10/100 ethernet, Broadcom® BCM5906M None High Definition (HD) Audio, CX20561-15Z codec / stereo speakers, 2 watt / volume up, down, mute buttons / microphone, mic input jack, headphone jack Power-on password, hard disk password, supervisor password, security keyhole None None

Preloaded operating system[20]

- *Some:* Genuine Windows® XP Professional (preinstalled via downgrade rights in Windows Vista® Bussiness
- *Some:* Genuine Windows Vista Home Basic 32
- *Some:* Genuine Windows Vista Home Premium 32

Preloaded applications[14]

- Lenovo Care™ Tools
  - Rescue and Recovery™
  - Access Connections™
  - Presentation Director
- Easy Capture
- Adobe® Reader
- Norton Internet Security™ (90 days of virus definitions)
- Windows Live™ Toolbar
- Microsoft® Office 2007 Trial (60-day)
- Roxio® Creator® Small Business Edition
- InterVideo WinDVD® (DVD±RW)

65-watt (GMA graphics) AC adapter
Wireless on/off switch
RoHS-compliant

Limited Warranty[12]

- **1-year warranty*:**
  - *** 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter**
- **Mail In repair service**
- **Service upgrade options (in eligible locations):**[9]
  - **3-year Mail In warranty** 55Y2507
  - **1-year Mail In warranty with ADP** 55Y2511
  - **3-year Mail In warranty with ADP** 55Y2513
  - **3-year Onsite warranty** 55Y2510
  - **1-year Onsite warranty with ADP** 55Y2514
- **Toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

1GB PC2-5300 DDR2 SODIMM (TopSeller)	43R1999	N500/G500 Series Li-Ion Battery 6-cell	51J0226
2GB PC2-5300 DDR2 SODIMM (TopSeller)	43R2000	Lenovo G430/530/450/550 Battery 6-cell	57Y6266
USB 2.0 Essential Memory Key 4GB	45J7904	N500/G500 Series 90W AC Adapter	41R4515
USB 2.0 Essential Memory Key 32GB	45K1258	Lenovo Carrying Case - Messenger Max	41U5253
USB 2.0 Lenovo Webcam	40Y8519	Lenovo Case - Performance Backpack	41U5254
USB Port Replicator with Digital Video	45K1610	Lenovo Essential Notebook Stand	45J9292
ThinkPad Travel Mouse (USB, Optical)	31P7410	Kensington® MicroSaver® Cable Lock	73P2582
Lenovo Wireless Laser Mouse - Black	45K1696	Kensington Twin Head Cable Lock	45K1620
Lenovo Wireless Laser Mouse - Red/Black	51J0198	ThinkVision L2440x Wide 24" Monitor	4421HB2
		Other accessories at lenovo.com/accessories	

See footnotes for important warranty information
✶ Intel Centrino® processor technology
☞ US models announced September 10, 2009, previous models on March 31, 2009
✂ US models withdrawn effective October 2009

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Lenovo G450

Lenovo G450

Lenovo G450

Lenovo G450

Type-model	Processor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Keypad	Blue-tooth	Battery cells	Vista preload	Avail date
2949-79U	T4200	2.00	*4GB*	14.0" WXGA	Cam	GMA	320GB[8]	DVD±RW	11b/g[11]	Gray	None	None	6-cell	Prem 64	Aug 09

- ***14.0" widescreen, glossy display***
- ***Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face.***
- ***Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows***

Positioning	*Widescreen flexibility; two-spindle*
Processo	**Intel® Pentium® Processor T4200** with **dual-core**, 800MHz system bus, and 1MB L2 cache
Memory	**4GB** std / 4GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**14.0"** (355.6mm) **WXGA (1366x768) TFT color**, **VibrantView** (glossy), **LED backlight,** 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus
Integrated graphics	**Intel Graphics Media Accelerator 4500M (GMA 4500M)**, in GL40, *Max external resolution:* 2048x1536@75Hz (DB-15 port)
Keyboard	Full-size keyboard, Fn keys, recovery key
Numeric keypad	None
Multimedia controls	Touch-sensitive volume control panel
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 13.6" x 9.3" x 1.03" to 1.41"; 345mm x 235mm x 26.2 to 35.9mm
Weight[2]	with optical drive and battery: *6-cell:* from 4.87 lb (2.21kg)
Case color	Gray top, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	*6-cell:* up to 5 hr
Chipset	**Mobile Intel GL40 Express Chipset** (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	None
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)
TV tuner	None
Mini PCI Express	One Mini PCI Express slot
11b/g[28]	11b/g wireless[4], Mini PCI Express Adapter, Broadcom® BCM4312
Bluetooth™	None
Modem	None
Ethernet	10/100 ethernet, Broadcom® BCM5906M
Audio support	High Definition (HD) Audio, CX20561-12Z codec / two stereo speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® Vista® Home Premium 64
- ✧ Vista Premium logo

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- Norton Internet Security™ (90 days of virus definitions)
- Adobe® Reader
- Windows Live™ Toolbar
- Easy Capture
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)

65-watt AC adapter
Wireless on/off switch
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year warranty*:**
  *** 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter**
- **Mail In repair service**
- **Service upgrade options (in eligible locations):**[9]
  - **3-year Mail In warranty** 55Y2507
  - **1-year Mail In warranty with ADP** 55Y2511
  - **3-year Mail In warranty with ADP** 55Y2513
  - **3-year Onsite warranty** 55Y2510
  - **1-year Onsite warranty with ADP** 55Y2514
- **Toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US model announced August 11, 2009

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Lenovo® G450 (2949) - GMA (Windows 7)

Type-model	Processor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Keypad	Blue-tooth	Battery cells	Win7 preload	Avail date
2949-CFU	T4300	2.10	*3GB*	14.0" WXGA	0.3M	GMA	250GB[8]	DVD±RW	11b/g[11]	Gray	None	None	6-cell	Prem 32	Oct 09
2949-CHU	T4300	2.10	*4GB*	14.0" WXGA	0.3M	GMA	320GB	DVD±RW	11b/g	Gray	None	None	6-cell	Prem 64	Oct 09

- ***14.0" widescreen, glossy display***
- ***Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face.***
- ***Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows***

Positioning	*Widescreen flexibility; two-spindle*
Processo	**Intel® Pentium® Processor T4300** with **dual-core**, 800MHz system bus, and 1MB L2 cache
Memory	**3GB** or **4GB** std / 4GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**250GB** (5400 rpm) or **320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**14.0"** (355.6mm) **WXGA (1366x768) TFT color**, **VibrantView** (glossy), **LED backlight,** 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus
Integrated graphics	**Intel Graphics Media Accelerator 4500M (GMA 4500M)**, in GL40, *Max external resolution:* 2048x1536@75Hz (DB-15 port)
Keyboard	Full-size keyboard, Fn keys, recovery key
Numeric keypad	None
Multimedia controls	Touch-sensitive volume control panel
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 13.6" x 9.3" x 1.03" to 1.41"; 345mm x 235mm x 26.2 to 35.9mm
Weight[2]	with optical drive and battery: *6-cell:* from 4.87 lb (2.21kg)
Case color	Gray top, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	*6-cell:* up to 5 hr
Chipset	**Mobile Intel GL40 Express Chipset** (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	None
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)
TV tuner	None
Mini PCI Express 11b/g[28]	One Mini PCI Express slot 11b/g wireless[4], Mini PCI Express Adapter, Broadcom® BCM4312
Bluetooth™	None
Modem	None
Ethernet	10/100 ethernet, Broadcom® BCM5906M
Audio support	High Definition (HD) Audio, CX20561-12Z codec / two stereo speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- *Some:* Genuine Windows® 7 Home Premium 32
- *Some:* Genuine Windows 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- McAfee VirusScan® Plus 2009 (30 days of virus definitions)
- Adobe® Reader
- Windows Live™ Toolbar
- Easy Capture
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)

65-watt AC adapter
Wireless on/off switch
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year warranty*:**
  *** 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter**
- **Mail In repair service**
- **Service upgrade options (in eligible locations):**[9]
  - **3-year Mail In warranty with ADP** 55Y2513
  - **3-year Onsite warranty** 55Y2510
  - **1-year Onsite warranty with ADP** 55Y2514
- **Toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US models announced October 23, 2009

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Lenovo® G450 (2949) - NVIDIA (Windows 7)

Type-model	Pro-cessor	GHz	Memory	Widescreen display	Cam-era	Discrete graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Keypad	Blue-tooth	Battery cells	Win7 preload	Avail date
2949-CGU	T6600	2.20	*4GB*	14.0" WXGA	0.3M	G210M	320GB[8]	DVD±RW	Intel 5100[28]	Gray	None	Blue	6-cell	Prem 64	Oct 09

- ***14.0" widescreen, glossy display***
- ***Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face.***
- ***Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows***

Positioning	*Widescreen flexibility; two-spindle*
Processo	**Intel® Core™ 2 Duo Processor T6600** with **dual-core**, 800MHz system bus, and 2MB L2 cache
Memory	**4GB** std / 4GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**14.0"** (355.6mm) **WXGA (1366x768) TFT color**, **VibrantView** (glossy), **LED backlight,** 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus
Discrete graphics	**NVIDIA® GeForce® G210M,** PCI Express® x16, **512MB** memory, DirectX® 10.1, PureVideo® HD technology, VGA, HDMI, HDCP-compliant
Keyboard	Full-size keyboard, Fn keys, recovery key
Numeric keypad	None
Multimedia controls	Touch-sensitive volume control panel
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 13.6" x 9.3" x 1.03" to 1.41"; 345mm x 235mm x 26.2 to 35.9mm
Weight[2]	with optical drive and battery: *6-cell:* from 4.87 lb (2.21kg)
Case color	Gray top, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	*6-cell:* up to 3.6 hr
Chipset	**Mobile Intel GM45 Express Chipset** (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Three USB 2.0, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
Mini PCI Express	One Mini PCI Express slot
Intel 5100[28]	11a/b/g/n wireless[4], Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)
Bluetooth™	Bluetooth 2.1 wireless, USB 2.0 interface via ICH9M, LED indicator
Modem	None
Ethernet	10/100 ethernet, Broadcom® BCM5906M
Audio support	High Definition (HD) Audio, CX20561-12Z codec / two stereo speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- McAfee VirusScan® Plus 2009 (30 days of virus definitions)
- Adobe® Reader
- Windows Live™ Toolbar
- Easy Capture
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)

90-watt AC adapter
Wireless on/off switch
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year warranty*:**
  *** 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter**
- **Mail In repair service**
- **Service upgrade options (in eligible locations):**[9]
  - **3-year Mail In warranty** 55Y2507
  - **1-year Mail In warranty with ADP** 55Y2511
  - **3-year Mail In warranty with ADP** 55Y2513
  - **3-year Onsite warranty** 55Y2510
  - **1-year Onsite warranty with ADP** 55Y2514
- **Toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US model announced October 23, 2009

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Lenovo® G455 (0708) - Windows 7 (web models)

Type-model	Processor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Numeric Keypad	Blue-tooth	Battery cells	Win7 preload	Avail date
0708-32U	M320	2.10	*3GB*	14.0" HD	0.3M	HD 4200	320GB[8]	DVD±RW	11b/g/n[28]	Gray	None	Blue	6-cell	Prem 32	Feb 10

- ***14.0" widescreen, glossy display***
- ***Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face***
- ***Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows***

Positioning	*Widescreen flexibility; two-spindle*
Processo	**AMD® Athlon™ II Dual-Core processor M320** with **dual-core**, integrated DDR2 memory controller, and 1MB L2 cache
Memory	**3GB** std / 4GB max[7] / **PC2-6400 800MHz DDR2**, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**14.0"** (355.6mm) **HD (WXGA 1366x768) TFT color**, **VibrantView** (glossy), **LED backlight,** 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus
Integrated graphics	**ATI™ Mobility Radeon™ HD 4200 Graphics**, in M880G, external analog monitor support via VGA DB-15 connector
Keyboard	Full-size keyboard, 6-row, recovery key
Numeric keypad	None
Multimedia controls	Multimedia Fn keys
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 13.6" x 9.3" x 1.03" to 1.41"; 345mm x 235mm x 26.2 to 35.9mm
Weight[2]	with optical drive and battery: *6-cell:* from 4.85 lb (2.2kg)
Case color	Gray top, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	*6-cell:* up to 4 hr
Chipset	**AMD M880G Chipset**, SB710 south bridge
ExpressCard/34	None
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card 11b/g/n[28]	One PCIe Mini Card slot 11b/g/n wireless[4], PCIe Mini Card adapter
Bluetooth™	Bluetooth 2.1 wireless, USB 2.0 interface
Modem	None
Ethernet	10/100 ethernet, ATHEROS® AR8132
Audio support	High Definition (HD) Audio, CX20561-12Z codec / stereo speakers (2 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 32

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- McAfee® VirusScan® Plus 2009 (60 days of virus definitions)
- Adobe® Reader®
- CyberLink YouCam
- VeriFace™
- Lenovo Energy Management Software
- Lenovo DirectShare
- Cyberlink Power2Go (DVD±RW)

65-watt AC adapter
Wireless on/off switch
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year warranty*:**
  *** 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter**
- **Mail In repair service**
- **Service upgrade options**[58] **(in eligible locations):**[9]
  - **3-year Mail In warranty** 55Y2507
  - **1-year Mail In with accidental damage protection** 55Y2511
  - **3-year Mail In with accidental damage protection** 55Y2513
  - **3-year Onsite warranty** 55Y2510
- **Toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US model announced February 23, 2010

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Lenovo G550

Lenovo G550

Lenovo G550

Lenovo G550

	Type-model	Pro-cessor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	Chipset	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Card reader	Express-Card	Battery cells	Vista preload	Avail date
	2958-2CU	T4200	2.00	2GB	15.6" WXGA	Cam	4500M	GL40	250GB[8]	DVD±RW	11b/g[11]	Gray		/34	6-cell	Prem 32	Jul 09
	2958-2DU	T4200	2.00	*3GB*	15.6" WXGA	Cam	4500M	GL40	250GB	DVD±RW	11b/g	Gray		/34	6-cell	Prem 32	Jul 09
	2958-2BU	T4200	2.00	*4GB*	15.6" WXGA	Cam	4500M	GL40	320GB	DVD±RW	11b/g	Gray		/34	6-cell	Prem 64	Jul 09
☞	2958-45U	T4200	2.00	*4GB*	15.6" WXGA	Cam	4500M	GL40	320GB	DVD±RW	11b/g	Black			6-cell	Prem 64	Aug 09
☞	2958-3AU	T4200	2.00	*4GB*	15.6" WXGA	Cam	4500M	GL40	320GB	DVD±RW	11b/g	Black			6-cell	Prem 64	Aug 09
✂	2958-3EU	T6500	2.10	*4GB*	15.6" WXGA	Cam	4500MHD	GM45	320GB	DVD±RW	Intel 5100	Gray	5-in-1	/34	6-cell	Prem 64	Aug 09
✂	2958-3CU	T6500	2.10	*4GB*	15.6" WXGA	Cam	4500MHD	GM45	250GB	DVD±RW	Intel 5100	Gray	5-in-1	/34	6-cell	Prem 64	Aug 09
✂	2958-3BU	T6500	2.10	*4GB*	15.6" WXGA	Cam	4500MHD	GM45	320GB	DVD±RW	Intel 5100	Gray	5-in-1	/34	6-cell	Prem 64	Aug 09

- ***15.6" widescreen, glossy display***
- ***Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face.***
- ***Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Pentium® Processor T4200** with **dual-core**, 800MHz system bus, and 1MB L2 cache or **Intel Core™ 2 Duo processor T6500** with **dual-core**, 800MHz system bus, and 2MB L2 cache
Memory	**2GB**, **3GB**, or **4GB** std / 4GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available; *Non-italics:* standard memory in one socket; 1 socket available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**250GB** (5400 rpm) or **320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable
Widescreen display	**15.6"** (396.2mm) **WXGA (1366x768) TFT color**, **VibrantView** (glossy), **LED backlight,** 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus
Integrated graphics	*Some:* **Intel Graphics Media Accelerator 4500M (GMA 4500M)**, in GL40, one VGA DB-15 port; *Some:* **Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD)**, in GM45 one VGA DB-15 port, one HDMI port (HDCP-compliant); *Max external resolution:* 2048x1536@75Hz (DB-15 port)
Keyboard	Full-size keyboard, Fn keys, recovery key
Numeric keypad	Numeric keypad on right of keyboard
Multimedia controls	*Gray models:* Touch-sensitive volume control panel
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 15.0" x 9.6" x 1.04" to 1.43"; 381mm x 245mm x 26.5 to 36.2mm
Weight[2]	with optical drive and battery: *6-cell:* from 5.95 lb (2.7 kg)
Case color	Gray or Black top, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	*6-cell:* up to 3.8 hr
Chipset	*Some:* **Mobile Intel GL40 Express Chipset** (Memory Controller Hub), *Some:* **Mobile Intel GM45 Express Chipset** (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)
ExpressCard/34	*Some:* One slot (ExpressCard/34)
Multicard reader	*Some:* 5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Three USB 2.0, external monitor (HDMI on some models, VGA), ethernet (RJ-45)
TV tuner	None
Mini PCI Express 11b/g[11]	One Mini PCI Express slot *Some:* 11b/g wireless[4], Mini PCI Express Adapter, Broadcom® BCM4312
Intel 5100[28]	*Some:* 11a/b/g/n, Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)
Bluetooth™	None
Modem	None
Ethernet	10/100 ethernet, Broadcom® BCM5906M
Audio support	High Definition (HD) Audio, CX20561-12Z codec / two stereo speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- *Some:* Genuine Windows® Vista® Home Premium 32
- *Some:* Genuine Windows Vista Home Premium 64

✧ Vista Premium logo

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- Norton Internet Security™ (90 days of virus definitions)
- Adobe® Reader
- Windows Live™ Toolbar
- Easy Capture
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)

65-watt AC adapter
Wireless on/off switch
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year warranty*:**
  *** 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter**
- **Mail In repair service**
- **Service upgrade options (in eligible locations):**[9]
  - **3-year Mail In warranty** 55Y2507
  - **1-year Mail In warranty with ADP** 55Y2511
  - **3-year Mail In warranty with ADP** 55Y2513
  - **3-year Onsite warranty** 55Y2510
  - **1-year Onsite warranty with ADP** 55Y2514
- **Toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
☞ US models announced August 19, 2009; previous models on July 8, 2009
✂ US models withdrawn effective October 2009

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Type-model	Pro-cessor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	Chipset	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Express-Card reader	Express-Card	Blue-tooth	Preload	Avail date
2958-A5U	T4300	2.10	*3GB*	15.6" WXGA	0.3M	4500M	GL40	250GB[8]	DVD±RW	11b/g[11]	Black		None	None	XP Pro	Oct 09
2958-A4U	T6600	2.20	*3GB*	15.6" WXGA	0.3M	4500MHD	GM45	320GB	DVD±RW	Intel 5100[28]	Black	5-in-1	None	None	XP Pro	Oct 09

- ***15.6" widescreen, glossy display***
- ***Integrated 0.3 megapixel camera***
- ***Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Pentium® Processor T4300** with **dual-core**, 800MHz system bus, and 1MB L2 cache or **Intel Core™ 2 Duo processor T6600** with **dual-core**, 800MHz system bus, and 2MB L2 cache
Memory	**3GB** std / 4GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available;
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**250GB** (5400 rpm) or **320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable
Widescreen display	**15.6"** (396.2mm) **WXGA (1366x768) TFT color**, **VibrantView** (glossy), **LED backlight,** 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus
Integrated graphics	*Some:* **Intel Graphics Media Accelerator 4500M (GMA 4500M)**, in GL40, one VGA DB-15 port; *Some:* **Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD)**, in GM45 one VGA DB-15 port, one HDMI port (HDCP-compliant); *Max external resolution:* 2048x1536@75Hz (DB-15 port)
Keyboard	Full-size keyboard, Fn keys, recovery key
Numeric keypad	Numeric keypad on right of keyboard
Multimedia controls	None
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 15.0" x 9.6" x 1.04" to 1.43"; 381mm x 245mm x 26.5 to 36.2mm
Weight[2]	with optical drive and battery: *6-cell:* from 5.95 lb (2.7 kg)
Case color	Gray or Black top, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	*6-cell:* up to 3.8 hr
Chipset	*Some:* **Mobile Intel GL40 Express Chipset** (Memory Controller Hub), *Some:* **Mobile Intel GM45 Express Chipset** (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)
ExpressCard/34	None
Multicard reader	*Some:* 5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)
TV tuner	None
Mini PCI Express	One Mini PCI Express slot
11b/g[11]	*Some:* 11b/g wireless[4], Mini PCI Express Adapter, Broadcom® BCM4312
Intel 5100[28]	*Some:* 11a/b/g/n, Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)
Bluetooth™	None
Modem	None
Ethernet	10/100 ethernet, Broadcom® BCM5906M
Audio support	High Definition (HD) Audio, CX20561-12Z codec / two stereo speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Windows XP Professional preinstalled through downgrade rights in Genuine Windows 7 Professional

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Norton Internet Security™ (90 days of virus defi nitions)
- Adobe® Reader
- Windows Live™ Toolbar
- Lenovo Energy Management Software
- Corel® WinDVD® (DVD±RW)

65-watt AC adapter
Wireless on/off switch
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year warranty*:**
  *** 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter**
- **Mail In repair service**
- **Service upgrade options (in eligible locations):**[9]
  - **3-year Mail In warranty** 55Y2507
  - **1-year Mail In warranty with ADP** 55Y2511
  - **3-year Mail In warranty with ADP** 55Y2513
  - **3-year Onsite warranty** 55Y2510
  - **1-year Onsite warranty with ADP** 55Y2514
- **Toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US models announced October 23, 2009

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Type-model	Pro-cessor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	Chipset	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	Express-Card reader	Express-Card	Blue-tooth	Win7 preload	Avail date
2958-ACU	T4300	2.10	*3GB*	15.6" WXGA	0.3M	4500M	GL40	250GB[8]	DVD±RW	11b/g[11]	Black				Prem 32	Oct 09
2958-A3U	T4300	2.10	*4GB*	15.6" WXGA	0.3M	4500M	GL40	250GB	DVD±RW	11b/g	Gray		/34		Prem 64	Oct 09
2958-E9U	T6600	2.20	*4GB*	15.6" WXGA	0.3M	4500MHD	GM45	250GB	DVD±RW	Intel 5100[28]	Gray	5-in-1	/34		Prem 64	Oct 09
2958-R6U	T4300	2.10	*3GB*	15.6" WXGA	0.3M	4500M	GL40	250GB	DVD±RW	11b/g	Gray		/34		Prem 32	Oct 09
2958-HJU	T4300	2.10	*4GB*	15.6" WXGA	0.3M	4500M	GL40	320GB	DVD±RW	11b/g	Gray		/34	Blue	Prem 64	Oct 09
2958-HHU	T6600	2.20	2GB	15.6" WXGA	0.3M	4500M	GL40	160GB	DVD±RW	11b/g	Gray		/34		Prem 32	Oct 09
☞ 2958-6SU	T4400	2.20	*4GB*	15.6" WXGA	0.3M	4500M	GL40	320GB	DVD±RW	11b/g	Gray		/34		Prem 64	Dec 09
☞ 2958-6TU	T6600	2.20	*3GB*	15.6" WXGA	0.3M	4500M	GL40	250GB	DVD±RW	11b/g	Gray		/34		Prem 64	Dec 09

- ***15.6" widescreen, glossy display***
- ***Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face***
- ***Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Pentium® processor T4300** or **T4400** with **dual-core**, 800MHz system bus, and 1MB L2 cache or **Intel Core™ 2 Duo processor T6600** with **dual-core**, 800MHz system bus, and 2MB L2 cache
Memory	**2GB**, **3GB**, or **4GB** std / 4GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available; *Non-italics:* standard memory in one socket; 1 socket available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**160GB** (5400 rpm), **250GB** (5400 rpm) or **320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high, removable
Widescreen display	**15.6"** (396.2mm) **WXGA (1366x768) TFT color**, **VibrantView** (glossy), **LED backlight,** 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus
Integrated graphics	*Some:* **Intel Graphics Media Accelerator 4500M (GMA 4500M)**, in GL40, one VGA DB-15 port; *Some:* **Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD)**, in GM45, one VGA DB-15 port, one HDMI port (HDCP-compliant); *Max external resolution:* 2048x1536@75Hz (DB-15 port)
Keyboard	Full-size keyboard, Fn keys, recovery key
Numeric keypad	Numeric keypad on right of keyboard
Multimedia controls	*Gray models:* Touch-sensitive volume control panel
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 15.0" x 9.6" x 1.04" to 1.43"; 381mm x 245mm x 26.5 to 36.2mm
Weight[2]	with optical drive and battery: *6-cell:* from 5.95 lb (2.7 kg)
Case color	Gray or Black top, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	*6-cell:* up to 3.8 hr
Chipset	*Some:* **Mobile Intel GL40 Express Chipset** (Memory Controller Hub), *Some:* **Mobile Intel GM45 Express Chipset** (Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC)
ExpressCard/34	*Some:* One slot (ExpressCard/34)
Multicard reader	*Some:* 5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Three USB 2.0, external monitor (HDMI on some models, VGA), ethernet (RJ-45)
TV tuner	None
Mini PCI Express 11b/g[11]	One Mini PCI Express slot *Some:* 11b/g wireless[4], Mini PCI Express Adapter, Broadcom® BCM4312
Intel 5100[28]	*Some:* 11a/b/g/n, Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)
Bluetooth™	*Some:* Bluetooth 2.1 wireless, USB 2.0 interface via ICH9M, LED indicator
Modem	None
Ethernet	10/100 ethernet, Broadcom® BCM5906M
Audio support	High Definition (HD) Audio, CX20561-12Z codec / two stereo speakers (2 watt) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- *Some:* Genuine Windows 7 Home Premium 32
- *Some:* Genuine Windows 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- McAfee® VirusScan® Plus 2009 (60 days of virus definitions)
- Adobe® Reader®
- Windows Live™ Toolbar
- Easy Capture
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)

65-watt AC adapter
Wireless on/off switch
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year warranty*:**
  *** 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter**
- **Mail In repair service**
- **Service upgrade options (in eligible locations):**[9]
  - **3-year Mail In warranty** 55Y2507
  - **1-year Mail In warranty with ADP** 55Y2511
  - **3-year Mail In warranty with ADP** 55Y2513
  - **3-year Onsite warranty** 55Y2510
  - **1-year Onsite warranty with ADP** 55Y2514
- **Toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
☞ US models announced December 17, 2009; previous models on October 23, 2009

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Type-model	Pro-cessor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Numeric Keypad	Blue-tooth	Battery cells	Win7 preload	Avail date
0873-25U	M320	2.10	*3GB*	15.6" HD	0.3M	HD 4200	160GB[8]	DVD±RW	11b/g/n[28]	Black	Keypad	None	6-cell	Prem 32	Feb 10

- ***15.6" widescreen, glossy display***
- ***Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face***
- ***Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**AMD® Athlon™ II Dual-Core processor M320** with **dual-core**, integrated DDR2 memory controller, and 1MB L2 cache
Memory	**3GB** std / 4GB max[7] / **PC2-6400 800MHz DDR2**, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**160GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**15.6"** (396.2mm) **HD (WXGA 1366x768) TFT color**, **VibrantView** (glossy), CCFL backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus
Integrated graphics	**ATI™ Mobility Radeon™ HD 4200 Graphics**, in M880G, external analog monitor support via VGA DB-15 connector
Keyboard	Full-size keyboard, 6-row, recovery key
Numeric keypad	Numeric keypad on right of keyboard
Multimedia controls	Multimedia Fn keys
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 15.0" x 9.6" x 1.04" to 1.43"; 381mm x 245mm x 26.5 to 36.2mm
Weight[2]	with optical drive and battery: *6-cell:* from 5.95 lb (2.7 kg)
Case color	Black top, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	*6-cell:* up to 4 hr
Chipset	**AMD M880G Chipset**, SB710 south bridge
ExpressCard/34	None
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card 11b/g/n[28]	One PCI Express Mini Card slot; 11b/g/n wireless[4], PCIe Mini Card Adapter
Bluetooth™	None
Modem	None
Ethernet	10/100 ethernet, ATHEROS® AR8132
Audio support	High Definition (HD) Audio, CX20561-12Z codec / stereo speakers (2 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows 7 Home Premium 32

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- McAfee® VirusScan® Plus 2009 (60 days of virus definitions)
- CyberLink YouCam
- VeriFace™
- Lenovo Energy Management Software
- Lenovo DirectShare
- Cyberlink Power2Go (DVD±RW)

65-watt AC adapter
Wireless on/off switch
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year warranty*:**
  *** 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter**
- **Mail In repair service**
- **Service upgrade options**[58] **(in eligible locations):**[9]
  - **3-year Mail In warranty** 55Y2507
  - **1-year Mail In with accidental damage protection** 55Y2511
  - **3-year Mail In with accidental damage protection** 55Y2513
  - **3-year Onsite warranty** 55Y2510
  - **1-year Onsite with accidental damage protection** 55Y2514
- **Toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US model announced February 23, 2010

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Lenovo® G555 (0873) - Window 7 (web models)

Type-model	Pro-cessor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	PCIe Mini Card 802.11	Top color	Numeric Keypad	Blue-tooth	Battery cells	Win7 preload	Avail date
0873-72U	M520	2.30	*3GB*	15.6" HD	0.3M	HD 4200	320GB[8]	DVD±RW	11b/g/n[28]	Black	Keypad	Blue	6-cell	Prem 32	Feb 10

- ***15.6" widescreen, glossy display***
- ***Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face***
- ***Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**AMD® Turion™ II Dual-Core Mobile processor M520** with **dual-core**, integrated DDR2 memory controller, and 1MB L2 cache
Memory	**3GB** std / 4GB max[7] / **PC2-6400 800MHz DDR2**, non-parity, dual-channel capable, two 200-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**15.6"** (396.2mm) **HD (WXGA 1366x768) TFT color**, **VibrantView** (glossy), CCFL backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus
Integrated graphics	**ATI™ Mobility Radeon™ HD 4200 Graphics**, in M880G, external analog monitor support via VGA DB-15 connector
Keyboard	Full-size keyboard, 6-row, recovery key
Numeric keypad	Numeric keypad on right of keyboard
Multimedia controls	Multimedia Fn keys
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®)
Dimensions[3]	*(WxDxH):* 15.0" x 9.6" x 1.04" to 1.43"; 381mm x 245mm x 26.5 to 36.2mm
Weight[2]	with optical drive and battery: *6-cell:* from 5.95 lb (2.7 kg)
Case color	Black top, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	*6-cell:* up to 4 hr
Chipset	**AMD M880G Chipset**, SB710 south bridge
ExpressCard/34	None
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Three USB 2.0, external monitor (VGA DB-15), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card 11b/g/n[28]	One PCI Express Mini Card slot 11b/g/n wireless[4], PCIe Mini Card Adapter
Bluetooth™	Bluetooth 2.1 wireless, USB 2.0 interface
Modem	None
Ethernet	10/100 ethernet, ATHEROS® AR8132
Audio support	High Definition (HD) Audio, CX20561-12Z codec / stereo speakers (2 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows 7 Home Premium 32

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- McAfee® VirusScan® Plus 2009 (60 days of virus definitions)
- CyberLink YouCam
- VeriFace™
- Lenovo Energy Management Software
- Lenovo DirectShare
- Cyberlink Power2Go (DVD±RW)

65-watt AC adapter
Wireless on/off switch
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year warranty*:**
  *** 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter**
- **Mail In repair service**
- **Service upgrade options**[58] **(in eligible locations):**[9]
  - **3-year Mail In warranty** 55Y2507
  - **1-year Mail In with accidental damage protection** 55Y2511
  - **3-year Mail In with accidental damage protection** 55Y2513
  - **3-year Onsite warranty** 55Y2510
  - **1-year Onsite with accidental damage protection** 55Y2514
- **Toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US model announced February 23, 2010

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Lenovo G460

Lenovo G460

Lenovo G460

Lenovo G560

Lenovo® G460 (0677) - Windows 7 (web models)

Type-model	Pro-cessor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	HDMI connector	Blue-tooth	Battery cells	Win7 preload	Avail date
0677-2GU	i3-330M	2.13	*4GB*	14.0" HD	0.3M	Intel HD	320GB[8]	DVD±RW	11b/g/n[28]	Black	HDMI	Blue	6-cell	Prem 64	Jan 10

- ***14.0" widescreen, glossy display***
- ***Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face***
- ***Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows***

Positioning	*Widescreen flexibility; two-spindle*
Processo	**Intel® Core™ i3 processor i3-330M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache
Memory	**4GB** std / 8GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**14.0"** (355.6mm) **HD (1366x768) TFT color**, **VibrantView** (glossy), **LED backlight,** 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus
Integrated graphics	**Intel HD Graphics in processor,** external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key
Numeric keypad	None
Touch controls	OneKey Theater, mute, volume up, and volume down buttons
Touch pad	One-piece touch pad with two button function, supports scroll feature
Dimensions[3]	*(WxDxH):* 13.4" x 9.13" x 0.68" to 1.35"; 340.0mm x 231.8mm x 17.2 to 34.4mm
Weight[2]	with optical drive and battery: *6-cell:* from 4.85 lb (2.2kg)
Case color	Black top, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	*6-cell:* up to 4 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Two USB 2.0, one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card 11b/g/n[28]	One PCI Express Mini Card slot 11b/g/n wireless[4], PCIe Mini Card adapter
Bluetooth™	Bluetooth 2.1 wireless, USB 2.0 interface
Modem	None
Ethernet	10/100 ethernet, RealTek® RTL8103EL
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (2 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus 2009 (60 days of virus definitions)
- Adobe® Reader®
- CyberLink YouCam
- Microsoft® Office 2007 Trial (60-day)
- VeriFace™
- Lenovo Energy Management Software
- Lenovo DirectShare
- Cyberlink Power2Go (DVD±RW)

65-watt AC adapter
Wireless on/off switch
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year warranty*:**
  *** 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter**
- **Mail In repair service**
- **Service upgrade options**[58] **(in eligible locations):**[9]
  - **3-year Mail In warranty** 55Y2507
  - **1-year Mail In with accidental damage protection** 55Y2511
  - **3-year Mail In with accidental damage protection** 55Y2513
  - **3-year Onsite warranty** 55Y2510
  - **1-year Onsite with accidental damage protection** 55Y2514
- **Toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US model announced January 26, 2010

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Lenovo® G560 (0679) - Windows 7 (web models)

Type-model	Pro-cessor	GHz	Memory	Widescreen display	Cam-era	Integrated graphics	SATA disk	SATA optical	Mini PCIe 802.11 wireless	Top color	HDMI connector	Blue-tooth	Battery cells	Win7 preload	Avail date
0679-2AU	i3-330M	2.13	*4GB*	15.6" HD	0.3M	Intel HD	320GB[8]	DVD±RW	11b/g/n[28]	Black	HDMI	None	6-cell	Prem 64	Jan 10

- ***15.6" widescreen, glossy display***
- ***Integrated 0.3 megapixel camera and Lenovo's VeriFace facial recognition software helps control access to your notebook by recognizing your face***
- ***Lenovo Rescue System provides OneKey recovery and OneKey Antivirus without booting into Windows***

Positioning	*Widescreen flexibility; two-spindle*
Processo	**Intel® Core™ i3 processor i3-330M** with **dual-core**, DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1066MHz), Hyper-Threading technology, and 3MB cache
Memory	**4GB** std / 8GB max[7] / **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available
Diskette drive	None
SATA DVD±RW	DVD burner, dual-layer support, fixed, not removable, 12.7mm high, tray-in
SATA disk	**320GB** (5400 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**15.6"** (396.2mm) **HD (1366x768) TFT color**, **VibrantView** (glossy), **LED backlight,** 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 0.3-megapixel, fixed focus
Integrated graphics	**Intel HD Graphics in processor,** external analog monitor support via VGA DB-15 connector and digital monitor support via HDMI connector
Keyboard	Full-size keyboard, multimedia Fn keys, recovery key
Numeric keypad	Numeric keypad on right of keyboard
Touch controls	OneKey Theater, mute, volume up, and volume down buttons
Touch pad	One-piece touch pad with two button function, supports scroll feature
Dimensions[3]	*(WxDxH):* 14.83" x 9.83" x 0.68" to 1.37"; 376.8mm x 249.8mm x 17.3 to 34.9mm
Weight[2]	with optical drive and battery: *6-cell:* from 5.73 lb (2.6kg)
Case color	Black top, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	*6-cell:* up to 4 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	5-in-1 reader (MMC, Memory Stick®, Memory Stick PRO™, Secure Digital Card, xD-Picture Card™)
Ports	Two USB 2.0, one USB 2.0/eSATA combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card 11b/g/n[28]	One PCI Express Mini Card slot 11b/g/n wireless[4], PCIe Mini Card adapter
Bluetooth™	None
Modem	None
Ethernet	10/100 ethernet, RealTek® RTL8103EL
Audio support	High Definition (HD) Audio, Conexant® CX20671 codec / stereo speakers (2 watt x 2) / microphone, microphone input jack (3.5 mm), headphone jack (3.5 mm)
Security	Power-on password, hard disk password, supervisor password, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus 2009 (60 days of virus definitions)
- Adobe® Reader®
- CyberLink YouCam
- Microsoft® Office 2007 Trial (60-day)
- VeriFace™
- Lenovo Energy Management Software
- Lenovo DirectShare
- Cyberlink Power2Go (DVD±RW)

65-watt AC adapter
Wireless on/off switch
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]

- **1-year warranty*:**
  *** 1- year on major electronic components (including battery), 90-day on keyboard, hinges, plastics, power cord, AC adapter**
- **Mail In repair service**
- **Service upgrade options**[58] **(in eligible locations):**[9]
  - **3-year Mail In warranty** 55Y2507
  - **1-year Mail In with accidental damage protection** 55Y2511
  - **3-year Mail In with accidental damage protection** 55Y2513
  - **3-year Onsite warranty** 55Y2510
  - **1-year Onsite with accidental damage protection** 55Y2514
- **Toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
US model announced January 26, 2010

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Partial list of Lenovo® Care Services[22] for Lenovo Value Line notebooks

For more information see:
http://www.lenovo.com/services_warranty/us/en/index.html

Lenovo Care service upgrade options

Lenovo Value Line notebooks with 1-year Mail In warranty

Mail in = Mail In repair, ADP = Accidental Damage Protection

2-year Mail In warranty	55Y2506
3-year Mail In warranty	55Y2507
1-year Mail In warranty with ADP	55Y2511
2-year Mail In warranty with ADP	55Y2512
3-year Mail In warranty with ADP	55Y2513

LOR = Lenovo Onsite Repair, ADP = Accidental Damage Protection

1-year LOR warranty 9x5 NBD	55Y2508
2-year LOR warranty 9x5 NBD	55Y2509
3-year LOR warranty 9x5 NBD	55Y2510
1-year LOR warranty 9x5 NBD with ADP	55Y2514
2-year LOR warranty 9x5 NBD with ADP	55Y2515
3-year LOR warranty 9x5 NBD with ADP	55Y2516

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Availability: All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.

Warranty: For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC, 27709, Attn: Dept ZPYA/B676. Lenovo makes no representation or warranty regarding third party products or services.

Footnotes:

[1] Power management, including Intel® SpeedStep® Technology, reduces processor speed when in battery mode.

[2] **Weight** includes battery and standard optical drive; weight may vary due to vendor components, manufacturing process and options.

[3] **Thinness** may vary at certain points on the system.

[4] **Wireless capability:** Requires compatible wireless-enabled options sold separately.

[5] **Post-warranty annual maintenance agreement:** Service begins at the end of the base warranty or the end of any other applied warranty and maintenance option, whichever occurs last. Service delivery is not available the same day the maintenance agreement is purchased. Maintenance agreements must be purchased and the registration successfully completed prior to the service being available.

[6] **Public network download modem speeds** are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.

[7] **Maximum memory capacity** may require the replacement of standard component with largest supported component available. Even though it is possible to physically install 4GB of memory, the actual amount of memory addressable by a 32-bit operating system will be limited to 3GB. This limitation does not exist with 64-bit operating systems.

[8] **Hard drive:** GB = billion bytes, TB = trillion bytes. Accessible capacity is less; up to 4GB is service partition.

[9] **Service upgrade options:** Upgrades do not apply to components covered for 90 days. Those remain at 90-day warranty

[10] **Battery:** These model numbers achieved Battery Rundown Time of at least the time shown during testing. A description of the testing available at **lenovo.com**/pc/ww/thinkpad/batterylife. Battery life (and recharge times) will vary based on many factors including screen brightness, applications, features, power management, battery conditioning, and other customer preferences.

[11] **Wireless:** Based on IEEE 802.11a, 802.11b, and 802.11g respectively. An adapter with 11a/b, 11b/g, or 11a/b/g can communicate on either/any of these listed formats respectively, the actual connection will be based on the access point to which it connects.

[12] **Limited warranty:** Support unrelated to a warranty issue may be subject to additional charges.

[13] **Onsite Service:** If a machine is listed as having "On-site", this means that on-site service is available for the replacement of parts for warranty repairs. Certain parts, referred to as Customer Replaceable Unit ("CRU") parts, are easy to install and require little or no tools or technical knowledge. Some examples of CRU parts are mice, keyboards, hard disk drives, speakers, and memory. If your problem can be resolved with a CRU, the Support Center will offer to ship the part to you for you to install.

[14] **Included software** may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.

[15] **Modem speeds:** Public network download speeds are limited to 53Kbps. Upload speeds are limited to 48Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require compatible phone line and server equipment. Check with your telephone and ISP service providers for availability.

[17] **International Warranty Service** is available for most products in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.

[18] **Telephone support** may be subject to additional charges, even during the limited warranty period. Response times may vary and may exclude some holidays.

[19] **EasyServ depot repair:** The customer may be asked certain diagnostic questions before a courier is sent. Your purchase includes this depot repair service, available in the U.S. during the limited warranty period.

[20] **Operating System:** Level of support varies by operating system. Operating systems not preloaded on the system may not provide full feature functionality. Refer to lenovo.com/pc/support and enter your machine type and model number for more information.

[21] **For combination drives**, maximum possible speeds only are given in the following order: CD write, CD rewrite, CD read, DVD read.

[22] **Lenovo Care Services:** These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family, or household purposes. Not all machine types and models are covered. Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees. If the machine problem turns out to be a Customer Replaceable Unit (CRU), a part can be express shipped to you for quick replacement. For notebooks requiring LCD or other component replacement, Lenovo may choose to perform service at the depot repair center. Calls must be received by 5 pm local time in order to qualify for Next Business Day service. P&L means parts and labor. P/U means pick-up. See terms and conditions for complete details and restrictions.

[25] **Wireless WAN Cards:** Wireless data service requires separate agreement with Verizon Wireless. Verizon Wireless, not Lenovo, is solely responsible for service. Monthly and airtime charges may apply. Service may not be available in all areas; purchaser is responsible for verifying with Verizon Wireless that service is available for the intended location before the purchase of the card. For complete details, including service plans, additional required hardware or software, and service coverage, visit www.verizonwireless.com.

[28] **The IEEE 802.11n specification (MIMO)** has been finalized and is currently in IEEE 802.11n-2009 release. The maximum speed depends on the access point device and the number of integrated antenna used for connection. An adapter with 11a/b, 11a/b/g, 11b/g/n, or 11a/b/g/n can communicate on any of its supported formats.

[58] **Service upgrade options for Split Warranty:** (1) Mail In upgrades cover all components except power adapter, keyboard, plastics, and hinges after 90 days through end of first year. The "Mail-In" upgrades require customer to pay the leg of shipping into the depot repair center. (2) Onsite upgrades cover all components except power adapter, keyboard, plastics, and hinges after 90 days through end of term selected. (3) Accidental Damage Protection covers all components through the end of the term selected.

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